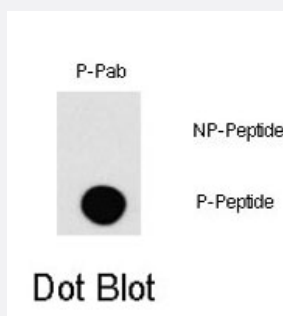


# MAP3K1 (phospho T1383) polyclonal antibody

Catalog # PAB0513      Size 400 uL

## Applications



### Dot Blot (Peptide)

Dot blot analysis of MAP3K1 (phospho T1383) polyclonal antibody (Cat # PAB0513) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed.

## Specification

|                            |                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Rabbit polyclonal antibody raised against synthetic phosphopeptide of MAP3K1.                                          |
| <b>Immunogen</b>           | Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding T1383 of human MAP3K1.            |
| <b>Host</b>                | Rabbit                                                                                                                 |
| <b>Reactivity</b>          | Human                                                                                                                  |
| <b>Form</b>                | Liquid                                                                                                                 |
| <b>Purification</b>        | Protein A purification                                                                                                 |
| <b>Recommend Usage</b>     | Dot Blot (1:100-500)<br>The optimal working dilution should be determined by the end user.                             |
| <b>Storage Buffer</b>      | In PBS (0.09% sodium azide)                                                                                            |
| <b>Storage Instruction</b> | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                 |
| <b>Note</b>                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

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## Gene Info — MAP3K1

|                    |                                                                                                                                                                                                                                                                                  |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">4214</a>                                                                                                                                                                                                                                                             |
| Protein Accession# | <a href="#">Q13233</a>                                                                                                                                                                                                                                                           |
| Gene Name          | MAP3K1                                                                                                                                                                                                                                                                           |
| Gene Alias         | MAPKKK1, MEKK, MEKK1                                                                                                                                                                                                                                                             |
| Gene Description   | mitogen-activated protein kinase kinase kinase 1                                                                                                                                                                                                                                 |
| Omim ID            | <a href="#">600982</a>                                                                                                                                                                                                                                                           |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                        |
| Gene Summary       | MAP3K, or MEK kinase, is a serine/threonine kinase that occupies a pivotal role in a network of phosphorylating enzymes integrating cellular responses to a number of mitogenic and metabolic stimuli, including insulin (MIM 176730) and many growth factors.[supplied by OMIM] |
| Other Designations | MAP/ERK kinase kinase 1 MAPK/ERK kinase kinase 1 MEK kinase 1 OTTHUMP00000065818                                                                                                                                                                                                 |

## Pathway

- [GnRH signaling pathway](#)
- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [Ubiquitin mediated proteolysis](#)

## Disease

- [Adenocarcinoma](#)

- [Arthritis](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Colitis](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Endometrial Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Lymphatic Metastasis](#)
- [Neoplasm Invasiveness](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatic Neoplasms](#)